S45	1	(amin-moeness-gamal.in.) and (minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:45
S46	1	(he-lin.in.) and (minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:45
S47	0	(zhang-ymin.in.) and (minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:45
S48	1	(zhang-yimin.in.) and (minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:46
S49	2	sarnoff adj2 corporation.as. and (minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:46
S50	1	S49 and (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:47
S51	4	(equaliz$5) same (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:47
S52	1	S51 and (minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:47
S53	1241	(minimiz$5 near (cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 10:47
S54	1	S53 and ((equaliz$5) and (gradient adj2 recurs$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:01
S55	0	(equaliz$5) near ((cost adj2 funct$3) and (gradient adj2 recurs$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:02
S56	5	(equaliz$5) and ((cost adj2 funct$3) and (gradient adj2 recurs$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:14

S57	0	S56 and @ad<"2010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:02
S58	3	S56 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:08
S59	2	gradient adj2 recursive adj2 equaliz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:08
S60	0	S59 and ((cost adj2 function) near (amplitude and phase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:08
S61	2	S59 and ((cost adj2 function))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:08
S62	2	S61 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:14
S63	0	((recursive adj2 equaliz$5) near gradien)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:09
S64	0	((recursive adj2 equaliz$5) near gradient)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:09
S65	4	375/229-234.ccls. and ((equaliz$5) and ((cost adj2 funct$3) and (gradient adj2 recurs$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:15
S66	3	S65 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:16
S67	3	375/229-234.ccls. and ((equaliz$5) and ((cost adj2 funct$3) same (gradient adj2 recurs$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:16
S68	2	S67 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:24

S69	0	375/348.ccls. and ((equaliz$5) and ((cost adj2 funct$3) same (gradient adj2 recurs$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:16
S70	2	708/300.ccls. and ((equaliz$5) and ((cost adj2 funct$3) same (gradient adj2 recurs$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:16
S71	2	S70 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:22
S72	0	S71 and (select$3 near band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:25
S73	11	375/347.ccls. and (select$3 near band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:24
S74	2	S73 and (antenna$1 and (equaliz$5 near weight$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:25
S75	0	S74 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:26
S76	2	S73 and (equaliz$5 near weight$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:24
S77	9	375/229-234.ccls. and (select$3 near band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:26
S78	0	S77 and (antenna$1 and (equaliz$5 near weight$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:26
S79	0	S77 and (equaliz$5 near weight$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:26
S80	3674	(select$3 near (frequency adj2 band$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:17

S81	10	S80 and (antenna$1 and (equaliz$5 near weight$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:26
S82	4	S81 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:30
S83	199	(blind adj2 equaliz$5) same (weight$1 or coefficient$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:29
S84	0	S83 and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:17
S85	0	S80 and ((blind adj2 equaliz$5) same (weight$1 or coefficient$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:30
S86	0	S80 and ((blind adj2 equaliz$5) and (weight$1 or coefficient$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:30
S87	21	375/347.ccls. and ((blind adj2 equaliz$5) and (weight$1 or coefficient$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 11:30
S88	11	S87 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:19
S89	0	S88 and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:19
S90	3	375/347.ccls. and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:35
S91	0	S90 and (multi adj2 (band or mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:18
S92	0	S90 and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:19

S93	10	375/347.ccls. and (select$3 near (frequency adj2 band$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:17
S94	0	S93 and (blind adj2 equaliz$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:19
S95	0	S87 and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:46
S96	0	S87 and (multi adj2 (band or mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:18
S97	10	375/347.ccls. and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:19
S98	7	S97 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:35
S99	0	S98 and (blind adj2 equaliz$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:20
S100	0	S98 and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:49
S101	1	S98 and (adapt$3 adj2 equaliz$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:28
S102	2	S98 and (equaliz$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:28
S103	8	(blind adj2 equaliz$5) and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:35
S104	4	S103 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:56

S10 5	2	S104 and (weight$1 or coefficient$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:46
S10 6	0	S105 and antenna$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:38
S10 7	0	S104 and antenna$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:38
S10 8	0	S105 and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:48
S10 9	0	S104 and (array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:46
S11 0	0	S104 and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:47
S11 1	0	(blind adj2 equaliz$5) and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:49
S11 2	331	(equaliz$5) and ((select$3 near (frequency adj2 band$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:49
S11 3	0	S112 and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:56
S11 4	1	"6301313".pn. and equaliz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 12:54
S11 5	3	375/232.ccls. and ((plurality or multiple or many or two) adj2 ffe$1) and dfe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:01
S11 6	3	S115 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 14:36

S11 7	0	S116 and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:00
S11 8	0	375/323.ccls. and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:00
S11 9	2	375/232.ccls. and ((m adj2 cma) or (modified adj2 constant adj2 modulus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:00
S12 0	0	S119 and ((plurality or multiple or many or two) adj2 ffe$1) and dfe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:04
S12 1	5	(cost adj2 function) same (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:09
S12 2	3	S121 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:05
S12 3	0	S122 and ((cost adj2 function) near (amplitude and phase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:09
S12 4	3	S122 and ((amplitude and phase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:06
S12 5	0	((cost adj2 function) near (amplitude and phase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:09
S12 6	1	((cost adj2 function) near (qam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:12
S12 7	0	S126 and (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:09
S12 8	0	"6301313".pn. and (weight$1 or coefficient$1 or tap$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 13:12

S129	1	"6490318".pn. and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 14:37
S130	1	((cost adj2 function) near (qam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 14:40
S131	1	S130 and phase and amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 14:40
S132	5	(cost adj2 function) same (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 15:00
S133	3	S132 and @ad<"20010406"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 14:59
S134	3	S133 and amplitude and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 14:59
S135	0	cap same (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 15:00
S136	0	cap and (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 15:01
S137	0	"6259743".pn. and (gradient adj2 recurs$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/28 15:01
S138	0	"5416845".pn. and equaliz$5 and (rf or (radio adj2 frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/29 07:22
S139	0	"5416845".pn. and equaliz$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/29 07:22